



## INTERNATIONAL SEARCH REPORT

International application No.

		PC1/US02/3323	8
A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : B60C 17/00			
US CL : 152/375, 385, 454, 64.4, 95, 96, 97			
According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 152/375, 385, 454, 64.4, 95, 96, 97			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Α	US 4,081,015 A (MITCHELL) 28 March 1978, see entire document.		NONE
Α	US 4,957,150 A (DIONISIO et al) 18 September 1990, see entire document.		1-49
Α	US 4,538,657 A (TUGGLE) 03 September 1985, see entire document.		1-49
Α	US 4,267,992 A (HARPER, SR.) 19 May 1981, see entire document.		1-49
Α	US 4,253,512 A (YOSHIOKA et al) 03 March 1981, see entire document.		1-49
A	US 4,253,511 A (CURTISS, JR.) 03 March 1981, see entire document.		1-49
Α	US 4,146,992 A (SMITH) 03 April 1979, see entire document.		1-49
A US 3,154,126 a (KATTER) 27 October 1964, see en		tire document.	1-49
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Further	documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents:		"T" later document published after the in	ternational filing date or priority
"A" document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the app principle or theory underlying the in	lication but cited to understand the vention
"E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination	
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"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent fan'y	
Date of the actual completion of the international search		Date of mailing of the international search report  12 MAR 2004	
	04 (08.03.2004)	Authorized officer ()	<u>-</u>
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